



Name : Dr. Mohmmad Ahmad

Email:mahmad@zu.edu.jo

IT/ CIS

Academic Rank: Assistant Professor

Membership:

1	
2	
3	
4	

Qualifications:

1	Ph.D in Electrical Engineering from University of Massachusetts, Massachusetts, USA, 2017.
2	M.Sc. in Electrical Engineering / Communication Engineering from University of Jordan, Amman, Jordan, 2005
3	B.Sc. in Electrical Engineering/Communication and Electronic Engineering from Applied Science University, Amman, Jordan, 2001.
4	

Professional Objective(s):

Teaching Experience:

#	From	to	
1	2017	Until now	Assistant Professor Zarqa University, Jordan
2	2013	2017	Teaching/Research assistant at University of Massachusetts, USA



3	2010	2013	Part time lecturer in Many Colleges, Jordan
4	2008	2010	lecturer at King Saud University, Alkarj Uversity, Saudi Arabia
5	2006	2008	lecturer at Al-Quds College, Jordan

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
1.	Spectral Domain Fast Multipole Method for Solving Integral Equations in Electromagnetic Wave Scattering	IEEE	In progress
2.	Fast Multipole Method Representation of The Green's Functions Using Spectral Domain Analysis	ACES	In progress
3.	Modeling of Wave Propagation over Different Realistic Types of Environments Using the Parabolic Equation	Dirasat	Engineering Sciences, April, Vol. 34, pp. 1-19, 2007
4.	Fast Algorithm for Implementing Spatial Frequency Analysis of Electromagnetic Scattering	IEEE Antennas and Propagation Symposium	Fajardo, Puerto Rico, June, pp. 1561-1562, 2016.
5.	Fast Spatial Frequency based Analysis Technique for Electromagnetic Scattering	IEEE International Symposium on Antennas and Propagation	Vancouver, Canada, July, pp. 754-755, 2015.
6.	Propagation Modeling in the Troposphere Using the Parabolic	7 <sup>th</sup> Jordanian International Electrical and Electronics Engineering	Amman, Jordan, April 11-14, pp. 13-20, 2011.
7.	Propagation Modeling of the Ground Waves Using the Parabolic Equation	6 <sup>th</sup> Jordanian International Electrical and Electronics Engineering	Amman, Jordan, March 14-16, Vol.2, pp. 535-541, 2006.
8.			
9.			
10.			



**Books:**

#	Book Title	Publisher	Year
1.			
2.			
3.			
4.			
5.			

**Translated Books:**

#	Book Title	Publisher	Year
1.			
2.			
3.			
4.			
5.			
6.			
7.			

**Articles:**

#	Article Title	Publisher	Year
1.			
2.			
3.			
4.			
5.			
6.			
7.			

**Conferences:**

#	Paper Title	Organizing Institution	Conference
1.			
2.			
3.			



4.			
5.			
6.			
7.			

**Supervision of Theses:**

#	Year	University	Thesis Title	Student Name
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

**Community Service Activities**

#	Duration	Activity
1.		
2.		
3.		
4.		

**Personal Information**

Name	Mohammad Ahmad	
Place and Date of Birth		
Nationality	Jordanian	
Marital Status		
Address		





Work Tel No.	2039			
Mobile:				
Postal Address				